

Refine Search

Search Results -

Terms	Documents
L3 and gravity	4

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L4

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L4</u>	L3 and gravity	4	<u>L4</u>
<u>L3</u>	L2 and pixel and frame	55	<u>L3</u>
<u>L2</u>	histogram adj calculation and image	202	<u>L2</u>
<u>L1</u>	09/230,502	3	<u>L1</u>

END OF SEARCH HISTORY

Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20020120594 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 4

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120594

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120594 A1

TITLE: Method and device for perception of an object by its shape, its size and/or its orientation

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pirim, Patrick	Paris		FR	

US-CL-CURRENT: 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 2. Document ID: US 6445409 B1

L4: Entry 2 of 4

File: USPT

Sep 3, 2002

US-PAT-NO: 6445409

DOCUMENT-IDENTIFIER: US 6445409 B1

TITLE: Method of distinguishing a moving object and apparatus of tracking and monitoring a moving object

DATE-ISSUED: September 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ito; Wataru	Kodaira			JP
Ueda; Hirotada	Kokubunji			JP
Yamada; Hiromasa	Kodaira			JP

US-CL-CURRENT: 348/155; 348/169

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 3. Document ID: US 5059796 A

L4: Entry 3 of 4

File: USPT

Oct 22, 1991

US-PAT-NO: 5059796

DOCUMENT-IDENTIFIER: US 5059796 A

TITLE: Infrared monitoring system

DATE-ISSUED: October 22, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nakamura; Tetsuya	Machida			JP

US-CL-CURRENT: 250/330; 250/332, 250/334, 250/342, 250/DIG.1, 340/565, 382/103,
382/203

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 4. Document ID: EP 1364341 A1, US 20020120594 A1, FR 2821459 A1, WO 200269265 A1

L4: Entry 4 of 4

File: DWPI

Nov 26, 2003

DERWENT-ACC-NO: 2002-712608

DERWENT-WEEK: 200380

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Human face shape localization method for image processing, involves identifying main and sub regions of interest in space represented by pixel data, and storing center of gravity of each identified region

INVENTOR: PIRIM, P

PRIORITY-DATA: 2001FR-0002539 (February 23, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>EP 1364341 A1</u>	November 26, 2003	F	000	G06T007/00
<u>US 20020120594 A1</u>	August 29, 2002		062	G06F015/18
<u>FR 2821459 A1</u>	August 30, 2002		000	G06F017/50
<u>WO 200269265 A1</u>	September 6, 2002	F	000	G06T007/00

INT-CL (IPC): G06 F 15/18; G06 F 17/50; G06 K 9/00; G06 T 7/00; G06 T 7/20; G06 T 7/60; H04 N 7/26

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
Terms		Documents			
L3 and gravity		4			

Display Format:

[Previous Page](#) [Next Page](#) [Go to Doc#](#)

Refine Search

Search Results -

Terms	Documents
histogram adj calculat\$5 and velocity and luminance	12

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L1

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR

<u>L1</u>	histogram adj calculat\$5 and velocity and luminance	12	<u>L1</u>
-----------	--	----	-----------

END OF SEARCH HISTORY

**M
E
N
U**

Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 12 of 12 returned.

☐ 1. Document ID: US 20030152267 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 12

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030152267

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030152267 A1

TITLE: Automatic perception method and device

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pirim, Patrick	Paris		FR	

US-CL-CURRENT: 382/170

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 2. Document ID: US 20020169732 A1

L1: Entry 2 of 12

File: PGPB

Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169732

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020169732 A1

TITLE: Method and device for automatic visual perception

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pirim, Patrick	Paris		FR	

US-CL-CURRENT: 706/45

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	---------

☐ 3. Document ID: US 20020156753 A1

L1: Entry 3 of 12

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020156753
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020156753 A1

TITLE: Method and device for adapting a signal for the detection of the movement of an object

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pirim, Patrick	Paris		FR	

US-CL-CURRENT: 706/15

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 4. Document ID: US 20020120594 A1

L1: Entry 4 of 12

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120594
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020120594 A1

TITLE: Method and device for perception of an object by its shape, its size and/or its orientation

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pirim, Patrick	Paris		FR	

US-CL-CURRENT: 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 5. Document ID: US 20020071595 A1

L1: Entry 5 of 12

File: PGPB

Jun 13, 2002

PGPUB-DOCUMENT-NUMBER: 20020071595
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020071595 A1

TITLE: Image processing apparatus and method

PUBLICATION-DATE: June 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pirim, Patrick	Paris		FR	

US-CL-CURRENT: 382/107; 382/170

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 6. Document ID: US 20020031242 A1

L1: Entry 6 of 12

File: PGPB

Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020031242

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020031242 A1

TITLE: LOCAL POSITIONING APPARTUS, AND METHOD THEREFOR

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
YASUI, NOBUHIKO	OSAKA-SHI		JP	
IISAKA, ATSUSHI	TAKATSUKI-SHI		JP	
KANEKO, MAMORU	YOKOHAMA-SHI		JP	

US-CL-CURRENT: 382/104; 382/291

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 7. Document ID: US 6717518 B1

L1: Entry 7 of 12

File: USPT

Apr 6, 2004

US-PAT-NO: 6717518

DOCUMENT-IDENTIFIER: US 6717518 B1

TITLE: Method and apparatus for detection of drowsiness

DATE-ISSUED: April 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Pirim; Patrick	Paris			FR
Binford; Thomas	Cupertino	CA		

US-CL-CURRENT: 340/576; 348/143, 382/117

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 8. Document ID: US 6496286 B1

L1: Entry 8 of 12

File: USPT

Dec 17, 2002

US-PAT-NO: 6496286

DOCUMENT-IDENTIFIER: US 6496286 B1

TITLE: Image reader

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamazaki; Yoshirou	Kanagawa			JP

US-CL-CURRENT: 358/514; 358/518

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 9. Document ID: US 6493458 B2

L1: Entry 9 of 12

File: USPT

Dec 10, 2002

US-PAT-NO: 6493458

DOCUMENT-IDENTIFIER: US 6493458 B2

TITLE: Local positioning apparatus, and method therefor

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yasui; Nobuhiko	Osaka			JP
Iisaka; Atsushi	Takatsuki			JP
Kaneko; Mamoru	Yokohama			JP

US-CL-CURRENT: 382/104; 382/100, 382/103, 382/199

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 10. Document ID: US 6263089 B1

L1: Entry 10 of 12

File: USPT

Jul 17, 2001

US-PAT-NO: 6263089

DOCUMENT-IDENTIFIER: US 6263089 B1

**** See image for Certificate of Correction ****

TITLE: Method and equipment for extracting image features from image sequence

DATE-ISSUED: July 17, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Otsuka; Kazuhiro	Tokyo			JP
Horikoshi; Tsutomu	Tokyo			JP
Suzuki; Satoshi	Tokyo			JP

US-CL-CURRENT: 382/107

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 11. Document ID: US 6091833 A

L1: Entry 11 of 12

File: USPT

Jul 18, 2000

US-PAT-NO: 6091833

DOCUMENT-IDENTIFIER: US 6091833 A

**** See image for Certificate of Correction ****

TITLE: Local positioning apparatus, and a method therefor

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yasui; Nobuhiko	Osaka			JP
Iisaka; Atsushi	Takatsuki			JP
Kaneko; Mamoru	Yokohama			JP

US-CL-CURRENT: 382/104; 348/118, 382/103, 382/199

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 12. Document ID: US 6025790 A

L1: Entry 12 of 12

File: USPT

Feb 15, 2000

US-PAT-NO: 6025790

DOCUMENT-IDENTIFIER: US 6025790 A

TITLE: Position recognizing system of autonomous running vehicle

DATE-ISSUED: February 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Saneyoshi; Keiji	Tokyo-To			JP

US-CL-CURRENT: 340/946; 244/17.11, 244/189, 244/190, 348/117, 348/144

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Terms

Documents

histogram adj calculat\$5 and velocity and luminance

12

Display Format: -

Change Format

[Previous Page](#)[Next Page](#)[Go to Doc#](#)

Refine Search

Search Results -

Terms	Documents
histogram adj calculat\$5 and human adj face	20

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L2

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR

<u>L2</u>	histogram adj calculat\$5 and human adj face	20	<u>L2</u>
<u>L1</u>	histogram adj calculat\$5 and velocity and luminance	12	<u>L1</u>

END OF SEARCH HISTORY

Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 20 of 20 returned.

☐ 1. Document ID: US 20030161549 A1

Using default format because multiple data bases are involved.

L2: Entry 1 of 20

File: PGPB

Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030161549

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030161549 A1

TITLE: Contrast enhancement of digital images

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lei, Zhichun	Stuttgart		DE	
Sartor, Piergiorgio	Fellbach		DE	
Inescu, Yalcin	Hamburg		DE	
Wagner, Peter	Waiblingen		DE	

US-CL-CURRENT: [382/274](#); [382/168](#), [382/250](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 2. Document ID: US 20030128298 A1

L2: Entry 2 of 20

File: PGPB

Jul 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030128298

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030128298 A1

TITLE: Method and apparatus for color-based object tracking in video sequences

PUBLICATION-DATE: July 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Moon, Young-Su	Seoul		KR	
Kim, Chang-Yeong	Kyungki-do		KR	

US-CL-CURRENT: [348/578](#); [348/700](#), [382/289](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 3. Document ID: US 20030086692 A1

L2: Entry 3 of 20

File: PGPB

May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030086692

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030086692 A1

TITLE: Special reproduction control information describing method, special reproduction control information creating apparatus and method therefor, and video reproduction apparatus and method therefor

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hori, Osamu	Yokohama-shi		JP	
Kaneko, Toshimitsu	Kawasaki-shi		JP	
Mita, Takeshi	Yokohama-shi		JP	
Yamamoto, Koji	Yokohama-shi		JP	
Masukura, Koichi	Kawasaki-shi		JP	

US-CL-CURRENT: [386/69](#); [386/95](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 4. Document ID: US 20030002853 A1

L2: Entry 4 of 20

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030002853

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030002853 A1

TITLE: Special reproduction control information describing method, special reproduction control information creating apparatus and method therefor, and video reproduction apparatus and method therefor

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hori, Osamu	Yokohama-shi		JP	
Kaneko, Toshimitsu	Kawasaki-shi		JP	
Mita, Takeshi	Yokohama-shi		JP	
Yamamoto, Koji	Yokohama-shi		JP	

Masukura, Koichi

Kawasaki-shi

JP

US-CL-CURRENT: 386/65; 386/82

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 5. Document ID: US 20020141733 A1

L2: Entry 5 of 20

File: PGPB

Oct 3, 2002

PGPUB-DOCUMENT-NUMBER: 20020141733

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020141733 A1

TITLE: Replaying video information

PUBLICATION-DATE: October 3, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McGrath, Mark John	Bracknell		GB	
Kydd, Andrew	Berlin		DE	
Thorpe, Jonathan	Winchester		GB	

US-CL-CURRENT: 386/46; 386/69

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 6. Document ID: US 20020122659 A1

L2: Entry 6 of 20

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122659

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122659 A1

TITLE: Video and audio information processing

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McGrath, Mark John	Bracknell		GB	
David, Morgan William Amos	Farnham		GB	
Thorpe, Jonathan	Winchester		GB	

US-CL-CURRENT: 386/117

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 7. Document ID: US 20020120594 A1

L2: Entry 7 of 20

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120594
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020120594 A1

TITLE: Method and device for perception of an object by its shape, its size and/or its orientation

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pirim, Patrick	Paris		FR	

US-CL-CURRENT: 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 8. Document ID: US 20020081026 A1

L2: Entry 8 of 20

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020081026
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020081026 A1

TITLE: Image retrieving apparatus

PUBLICATION-DATE: June 27, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Izume, Rieko	Sakai-Shi		JP	
Hara, Yoshihiro	Kishiwada-Shi		JP	

US-CL-CURRENT: 382/170

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 9. Document ID: US 20020051081 A1

L2: Entry 9 of 20

File: PGPB

May 2, 2002

PGPUB-DOCUMENT-NUMBER: 20020051081
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020051081 A1

TITLE: Special reproduction control information describing method, special reproduction control information creating apparatus and method therefor, and video reproduction apparatus and method therefor

PUBLICATION-DATE: May 2, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hori, Osamu	Yokohama-shi		JP	
Kaneko, Toshimitsu	Kawasaki-shi		JP	
Mita, Takeshi	Yokohama-shi		JP	
Yamamoto, Koji	Yokohama-shi		JP	
Masukura, Koichi	Kawasaki-shi		JP	

US-CL-CURRENT: 348/553; 348/569

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 10. Document ID: US 20020037101 A1

L2: Entry 10 of 20

File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020037101

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020037101 A1

TITLE: Image processing apparatus, image processing method and computer program product for correcting image obtained by shooting subject

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Aihara, Nobuhiro	Amagasaki-Shi		JP	

US-CL-CURRENT: 382/167

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 11. Document ID: US 20010036298 A1

L2: Entry 11 of 20

File: PGPB

Nov 1, 2001

PGPUB-DOCUMENT-NUMBER: 20010036298

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010036298 A1

TITLE: Method for detecting a human face and an apparatus of the same

PUBLICATION-DATE: November 1, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yamada, Shin	Kanagawa		JP	
Itoh, Ryuta	Tokyo		JP	
Nagao, Kenji	Kanagawa		JP	
Souma, Masaki	Kanagawa		JP	

US-CL-CURRENT: 382/118

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 12. Document ID: US 6473522 B1

L2: Entry 12 of 20

File: USPT

Oct 29, 2002

US-PAT-NO: 6473522

DOCUMENT-IDENTIFIER: US 6473522 B1

TITLE: Estimating text color and segmentation of images

DATE-ISSUED: October 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lienhart; Rainer Wolfgang	Santa Clara	CA		
Wernicke; Axel	Leipzig			DE

US-CL-CURRENT: 382/168; 382/164, 382/171, 382/176

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 13. Document ID: US 6470094 B1

L2: Entry 13 of 20

File: USPT

Oct 22, 2002

US-PAT-NO: 6470094

DOCUMENT-IDENTIFIER: US 6470094 B1

TITLE: Generalized text localization in images

DATE-ISSUED: October 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lienhart; Rainer Wolfgang	Santa Clara	CA		
Wernicke; Axel	Leipzig			DE

US-CL-CURRENT: 382/176; 382/171, 382/174, 382/270, 382/273

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 14. Document ID: US 6272248 B1

L2: Entry 14 of 20

File: USPT

Aug 7, 2001

US-PAT-NO: 6272248

DOCUMENT-IDENTIFIER: US 6272248 B1

**** See image for Certificate of Correction ****

TITLE: Original-discrimination system for discriminating special document, and image forming apparatus, image processing apparatus and duplicator using the original-discrimination system

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Saitoh; Takashi	Yokohama			JP
Takahashi; Hiroshi	Kawasaki			JP
Kaneko; Yoshio	Minato-ku			JP
Kurotaka; Shigeo	Sagamihara			JP
Hikita; Toshiya	Machida			JP
Omi; Kyoji	Kawasaki			JP
Aida; Midori	Yokohama			JP
Yamakawa; Shinji	Kawasaki			JP
Okubo; Hiromi	Yokohama			JP
Ishigaki; Kouji	Yokohama			JP
Ukai; Takeshi	Yokohama			JP
Murai; Kazuo	Shinjuku-ku			JP
Fukuda; Haruhiko	Kawasaki			JP
Sakano; Yukio	Fuchu			JP
Hashiguchi; Tadato	Yokohama			JP
Tachikawa; Michiyoshi	Yokohama			JP
Sumida; Hiroyasu	Ichikawa			JP

US-CL-CURRENT: 382/218

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 15. Document ID: US 6023524 A

L2: Entry 15 of 20

File: USPT

Feb 8, 2000

US-PAT-NO: 6023524

DOCUMENT-IDENTIFIER: US 6023524 A

TITLE: Method for determining amount of exposure

DATE-ISSUED: February 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamaguchi; Yoshihiro	Kanagawa			JP

US-CL-CURRENT: 382/162; 382/164

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 16. Document ID: US 5787414 A

L2: Entry 16 of 20

File: USPT

Jul 28, 1998

US-PAT-NO: 5787414

DOCUMENT-IDENTIFIER: US 5787414 A

TITLE: Data retrieval system using secondary information of primary data to be retrieved as retrieval key

DATE-ISSUED: July 28, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Miike; Seiji	Kanagawa-ken			JP
Ito; Satoshi	Kanagawa-ken			JP
Mizoguchi; Hiroshi	Tokyo			JP
Takebayashi; Yoichi	Kanagawa-ken			JP
Fukui; Mika	Kanagawa-ken			JP
Kurosawa; Yoshiaki	Kanagawa-ken			JP
Morishita; Akira	Kanagawa-ken			JP
Seto; Shigenobu	Kanagawa-ken			JP
Shinchi; Hideaki	Kanagawa-ken			JP
Kawakura; Yasushi	Kanagawa-ken			JP
Matsumura; Yoshikuni	Kanagawa-ken			JP
Tanaka; Hisako	Kanagawa-ken			JP

US-CL-CURRENT: 707/2; 707/3, 707/5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 17. Document ID: US 5751854 A

L2: Entry 17 of 20

File: USPT

May 12, 1998

US-PAT-NO: 5751854

DOCUMENT-IDENTIFIER: US 5751854 A

TITLE: Original-discrimination system for discriminating special document, and

image forming apparatus, image processing apparatus and duplicator using the original-discrimination system

DATE-ISSUED: May 12, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Saitoh; Takashi	Yokohama			JP
Saitoh; Takashi	Yokohama			JP
Takahashi; Hiroshi	Kawasaki			JP
Kaneko; Yoshio	Tokyo			JP
Kurotaka; Shigeo	Sagamihara			JP
Hikita; Toshiya	Machida			JP
Omi; Kyoji	Kawasaki			JP
Aida; Midori	Yokohama			JP
Yamakawa; Shinji	Kawasaki			JP
Okubo; Hiromi	Yokohama			JP
Ishigaki; Kouji	Yokohama			JP
Ukai; Takeshi	Yokohama			JP
Murai; Kazuo	Tokyo			JP
Fukuda; Haruhiko	Kawasaki			JP
Sakano; Yukio	Fuchu			JP
Hashiguchi; Tadato	Yokohama			JP
Tachikawa; Michiyoshi	Yokohama			JP
Sumida; Hiroyasu	Ichikawa			JP

US-CL-CURRENT: 382/218

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Drawings	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	----------	--------	------	----------

☐ 18. Document ID: US 5008946 A

L2: Entry 18 of 20

File: USPT

Apr 16, 1991

US-PAT-NO: 5008946

DOCUMENT-IDENTIFIER: US 5008946 A

TITLE: System for recognizing image

DATE-ISSUED: April 16, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ando; Mitsuhiro	Tokyo			JP

US-CL-CURRENT: 382/104; 180/167, 180/271, 382/117, 382/201, 434/43

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Drawings	Claims	KWIC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	----------	--------	------	----------

☐ 19. Document ID: US 4951140 A

L2: Entry 19 of 20

File: USPT

Aug 21, 1990

US-PAT-NO: 4951140

DOCUMENT-IDENTIFIER: US 4951140 A

TITLE: Image encoding apparatus

DATE-ISSUED: August 21, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ueno; Hideyuki	Fujisawa			JP
Dachiku; Kenshi	Tokyo			JP

US-CL-CURRENT: 348/413.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 20. Document ID: EP 1364341 A1, US 20020120594 A1, FR 2821459 A1, WO 200269265 A1

L2: Entry 20 of 20

File: DWPI

Nov 26, 2003

DERWENT-ACC-NO: 2002-712608

DERWENT-WEEK: 200380

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Human face shape localization method for image processing, involves identifying main and sub regions of interest in space represented by pixel data, and storing center of gravity of each identified region

INVENTOR: PIRIM, P

PRIORITY-DATA: 2001FR-0002539 (February 23, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>EP 1364341 A1</u>	November 26, 2003	F	000	G06T007/00
<u>US 20020120594 A1</u>	August 29, 2002		062	G06F015/18
<u>FR 2821459 A1</u>	August 30, 2002		000	G06F017/50
<u>WO 200269265 A1</u>	September 6, 2002	F	000	G06T007/00

INT-CL (IPC): G06 F 15/18; G06 F 17/50; G06 K 9/00; G06 T 7/00; G06 T 7/20; G06 T 7/60; H04 N 7/26

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Terms	Documents
histogram adj calculat\$5 and human adj face	20

Display Format: [Change Format](#)

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

Refine Search

Search Results -

Terms	Documents
L3 and eyebrow\$2	2

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L4

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR

<u>L4</u>	L3 and eyebrow\$2	2	<u>L4</u>
<u>L3</u>	L2 and eyes	6	<u>L3</u>
<u>L2</u>	histogram adj calculat\$5 and human adj face	20	<u>L2</u>
<u>L1</u>	histogram adj calculat\$5 and velocity and luminance	12	<u>L1</u>

END OF SEARCH HISTORY

Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 20020120594 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 2

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120594

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120594 A1

TITLE: Method and device for perception of an object by its shape, its size and/or its orientation

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pirim, Patrick	Paris		FR	

US-CL-CURRENT: 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

☐ 2. Document ID: US 5008946 A

L4: Entry 2 of 2

File: USPT

Apr 16, 1991

US-PAT-NO: 5008946

DOCUMENT-IDENTIFIER: US 5008946 A

TITLE: System for recognizing image

DATE-ISSUED: April 16, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ando; Mitsuhiro	Tokyo			JP

US-CL-CURRENT: 382/104; 180/167, 180/271, 382/117, 382/201, 434/43

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	--------

Clear	Generate Collection	Print	Fwd Refs	Ekwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Terms	Documents
L3 and eyebrow\$2	2

Display Format:

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

Patent Assignment Abstract of Title

Total Assignments: 1

Application #: 09876929 **Filing Dt:** 06/08/2001 **Patent #:** NONE **Issue Dt:**
PCT #: NONE **Publication #:** 20020120594 **Pub Dt:** 08/29/20
Inventor: Patrick Pirim
Title: Method and device for perception of an object by its shape, its size and/or its orientation

Assignment: 1

Reel/Frame: <u>012426/0470</u>	Received: 01/10/2002	Recorded: 12/31/2001	Mailed: 02/27/2002	Pages
---------------------------------------	--------------------------------	--------------------------------	------------------------------	--------------

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: PIRIM, PATRICK

Exec Dt: 11/02/2001

Assignee: HOLDING B.E.V.S.A.

69 ROUTE D'ESCH
LUXEMBOURG, LUXEMBOURG L-295

Correspondent: TOWNSEND AND TOWNSEND AND CREW, LLP
GERALD T. GRAY
TWO EMBARCADERO CENTER
8TH FLOOR
SAN FRANCISCO, CA 94111-3834

Search Results as of: 4/28/2004 9:12:47 P.M.

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 703-308-9723
Web interface last modified: Oct. 5, 2002

Refine Search

Search Results -

Terms	Documents
L3 and gravity	4

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L4</u>	L3 and gravity	4	<u>L4</u>
<u>L3</u>	L2 and pixel and frame	55	<u>L3</u>
<u>L2</u>	histogram adj calculation and image	202	<u>L2</u>
<u>L1</u>	09/230,502	3	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and histogram and calculat\$5 and image and pixel and frame	8

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L2

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR

L2 L1 and histogram and calculat\$5 and image and pixel and frame

8 L2

L1 706/20.ccls.

494 L1

END OF SEARCH HISTORY

Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 8 of 8 returned.

☐ 1. Document ID: US 20020165839 A1

Using default format because multiple data bases are involved.

L2: Entry 1 of 8

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165839

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020165839 A1

TITLE: Segmentation and construction of segmentation classifiers

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Taylor, Kevin M.	Upper Arlington	OH	US	
Whitney, Paul D.	Richland	WA	US	

US-CL-CURRENT: 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 2. Document ID: US 20020120594 A1

L2: Entry 2 of 8

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120594

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120594 A1

TITLE: Method and device for perception of an object by its shape, its size and/or its orientation

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pirim, Patrick	Paris		FR	

US-CL-CURRENT: 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 3. Document ID: US 6317617 B1

L2: Entry 3 of 8

File: USPT

Nov 13, 2001

US-PAT-NO: 6317617

DOCUMENT-IDENTIFIER: US 6317617 B1

TITLE: Method, computer program product, and system for the automated analysis of lesions in magnetic resonance, mammogram and ultrasound images

DATE-ISSUED: November 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gilhuijs; Kenneth	Chicago	IL		
Giger; Maryellen L.	Elmhurst	IL		
Bick; Ulrich	Chicago	IL		

US-CL-CURRENT: 600/408; 128/922, 382/131, 600/411, 600/420, 600/427, 600/431,
600/443, 600/458, 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 4. Document ID: US 5553196 A

L2: Entry 4 of 8

File: USPT

Sep 3, 1996

US-PAT-NO: 5553196

DOCUMENT-IDENTIFIER: US 5553196 A

TITLE: Method for processing data using a neural network having a number of layers equal to an abstraction degree of the pattern to be processed

DATE-ISSUED: September 3, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takatori; Sunao	Tokyo			JP
Kumagai; Ryohei	Tokyo			JP
Matsumoto; Koji	Tokyo			JP
Yamamoto; Makoto	Tokyo			JP

US-CL-CURRENT: 706/31; 706/20, 706/25

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 5. Document ID: US 5465308 A

L2: Entry 5 of 8

File: USPT

Nov 7, 1995

US-PAT-NO: 5465308

DOCUMENT-IDENTIFIER: US 5465308 A

**** See image for Certificate of Correction ****

TITLE: Pattern recognition system

DATE-ISSUED: November 7, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hutcheson; Timothy L.	Los Gatos	CA		
Or; Wilson	Santa Clara	CA		
Narayanan; Venkatesh	Fremont	CA		
Mohan; Subramaniam	Sunnyvale	CA		
Wohlmuth; Peter G.	Saratoga	CA		
Srinivasan; Ramanujam	Sunnyvale	CA		
Hunt; Bobby R.	Tucson	AZ		
Ryan; Thomas W.	Tucson	AZ		

US-CL-CURRENT: 382/159; 382/156, 382/190, 706/20, 706/25

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Attachments	Claims	KWC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	----------	-------------	--------	-----	----------

☐ 6. Document ID: US 5434927 A

L2: Entry 6 of 8

File: USPT

Jul 18, 1995

US-PAT-NO: 5434927

DOCUMENT-IDENTIFIER: US 5434927 A

**** See image for Certificate of Correction ****

TITLE: Method and apparatus for machine vision classification and tracking

DATE-ISSUED: July 18, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brady; Mark J.	Cottage Grove	MN		
Cerny; Darin G.	Minneapolis	MN		
Granholm; Michelle C.	Woodbury	MN		
Million; Belayneh W.	St. Paul	MN		

US-CL-CURRENT: 382/104; 348/148, 382/159, 382/199, 706/20, 706/905

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Attachments	Claims	KWC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	----------	-------------	--------	-----	----------

☐ 7. Document ID: US 5214744 A

L2: Entry 7 of 8

File: USPT

May 25, 1993

US-PAT-NO: 5214744

DOCUMENT-IDENTIFIER: US 5214744 A

TITLE: Method and apparatus for automatically identifying targets in sonar images

DATE-ISSUED: May 25, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schweizer; Philipp F.	Monroeville	PA		
Petlevich, Jr.; Walter J.	Uniontown	PA		

US-CL-CURRENT: 382/103; 382/156, 382/228, 706/10, 706/20, 708/801

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☐ 8. Document ID: US 5164837 A

L2: Entry 8 of 8

File: USPT

Nov 17, 1992

US-PAT-NO: 5164837

DOCUMENT-IDENTIFIER: US 5164837 A

TITLE: Method of correcting setup parameter decision characteristics and automatic setup apparatus using a neural network

DATE-ISSUED: November 17, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirosawa; Makoto	Kyoto			JP

US-CL-CURRENT: 358/296; 358/443, 358/518, 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Terms

Documents

L1 and histogram and calculat\$5 and image and pixel and frame

8

Display Format: -

Change Format

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

Refine Search

Search Results -

Terms	Documents
L2 and counter	3

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L3

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR

L3 L2 and counter

3 L3

L2 L1 and histogram and calculat\$5 and image and pixel and frame

8 L2

L1 706/20.ccls.

494 L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and histogram and calculat\$5 and image and pixel and frame and counter	3

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L5

Refine Search

Recall Text

Clear

Interrupt

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L5</u>	L1 and histogram and calculat\$5 and image and pixel and frame and counter	3	<u>L5</u>
<u>L4</u>	L1 and histogram and calculat\$5 and image and pixel and frame and counter and gravity	1	<u>L4</u>
<u>L3</u>	L2 and counter	3	<u>L3</u>
<u>L2</u>	L1 and histogram and calculat\$5 and image and pixel and frame	8	<u>L2</u>
<u>L1</u>	706/20.ccls.	494	<u>L1</u>

END OF SEARCH HISTORY

Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20020120594 A1

Using default format because multiple data bases are involved.

L5: Entry 1 of 3

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120594

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120594 A1

TITLE: Method and device for perception of an object by its shape, its size and/or its orientation

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pirim, Patrick	Paris		FR	

US-CL-CURRENT: 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☒ 2. Document ID: US 5553196 A

L5: Entry 2 of 3

File: USPT

Sep 3, 1996

US-PAT-NO: 5553196

DOCUMENT-IDENTIFIER: US 5553196 A

TITLE: Method for processing data using a neural network having a number of layers equal to an abstraction degree of the pattern to be processed

DATE-ISSUED: September 3, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takatori; Sunao	Tokyo			JP
Kumagai; Ryohei	Tokyo			JP
Matsumoto; Koji	Tokyo			JP
Yamamoto; Makoto	Tokyo			JP

US-CL-CURRENT: [706/31](#); [706/20](#), [706/25](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

☒ 3. Document ID: US 5434927 A

L5: Entry 3 of 3

File: USPT

Jul 18, 1995

US-PAT-NO: 5434927

DOCUMENT-IDENTIFIER: US 5434927 A

**** See image for Certificate of Correction ****

TITLE: Method and apparatus for machine vision classification and tracking

DATE-ISSUED: July 18, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brady; Mark J.	Cottage Grove	MN		
Cerny; Darin G.	Minneapolis	MN		
Granholm; Michelle C.	Woodbury	MN		
Million; Belayneh W.	St. Paul	MN		

US-CL-CURRENT: [382/104](#); [348/148](#), [382/159](#), [382/199](#), [706/20](#), [706/905](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	----------

Clear

Generate Collection

Print

Fwd Refs

Bkwd Refs

Generate OACS

Terms	Documents
L1 and histogram and calculat\$5 and image and pixel and frame and counter	3

Display Format: [Previous Page](#)[Next Page](#)[Go to Doc#](#)

Refine Search

Search Results -

Terms	Documents
L6 and pixel	79

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L7</u>	L6 and pixel	79	<u>L7</u>
<u>L6</u>	histogram and calculat\$5 and image and pixel and frame and counter and gravity	79	<u>L6</u>
<u>L5</u>	L1 and histogram and calculat\$5 and image and pixel and frame and counter	3	<u>L5</u>
<u>L4</u>	L1 and histogram and calculat\$5 and image and pixel and frame and counter and gravity	1	<u>L4</u>
<u>L3</u>	L2 and counter	3	<u>L3</u>
<u>L2</u>	L1 and histogram and calculat\$5 and image and pixel and frame	8	<u>L2</u>
<u>L1</u>	706/20.ccls.	494	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L7 and statistic	9

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L8</u>	L7 and statistic	9	<u>L8</u>
<u>L7</u>	L6 and pixel	79	<u>L7</u>
<u>L6</u>	histogram and calculat\$5 and image and pixel and frame and counter and gravity	79	<u>L6</u>
<u>L5</u>	L1 and histogram and calculat\$5 and image and pixel and frame and counter	3	<u>L5</u>
<u>L4</u>	L1 and histogram and calculat\$5 and image and pixel and frame and counter and gravity	1	<u>L4</u>
<u>L3</u>	L2 and counter	3	<u>L3</u>
<u>L2</u>	L1 and histogram and calculat\$5 and image and pixel and frame	8	<u>L2</u>
<u>L1</u>	706/20.ccls.	494	<u>L1</u>

END OF SEARCH HISTORY

Hit List

[Clear](#)[Generate Collection](#)[Print](#)[Fwd Refs](#)[Bkwd Refs](#)[Generate OACS](#)

Search Results - Record(s) 1 through 9 of 9 returned.

☐ 1. Document ID: US 20020120594 A1

Using default format because multiple data bases are involved.

L8: Entry 1 of 9

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120594

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120594 A1

TITLE: Method and device for perception of an object by its shape, its size and/or its orientation

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Pirim, Patrick	Paris		FR	

US-CL-CURRENT: 706/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 2. Document ID: US 5701897 A

L8: Entry 2 of 9

File: USPT

Dec 30, 1997

US-PAT-NO: 5701897

DOCUMENT-IDENTIFIER: US 5701897 A

**** See image for Certificate of Correction ****

TITLE: Ultrasonic diagnosis apparatus and image displaying system

DATE-ISSUED: December 30, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sano; Akihiro	Otawara			JP

US-CL-CURRENT: 600/453; 600/451, 600/455

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	------	--------

☐ 3. Document ID: US 5673700 A

L8: Entry 3 of 9

File: USPT

Oct 7, 1997

US-PAT-NO: 5673700

DOCUMENT-IDENTIFIER: US 5673700 A

TITLE: Ultrasonic diagnosis apparatus and image displaying system

DATE-ISSUED: October 7, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamazaki; Nobuo	Otawara			JP
Sano; Akihiro	Otawara			JP

US-CL-CURRENT: 600/455; 600/441

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	----------	------------	--------	-----	--------

☐ 4. Document ID: US 5669387 A

L8: Entry 4 of 9

File: USPT

Sep 23, 1997

US-PAT-NO: 5669387

DOCUMENT-IDENTIFIER: US 5669387 A

TITLE: Ultrasonic diagnosis apparatus and image displaying system

DATE-ISSUED: September 23, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mine; Yoshitaka	Tochigi-Ken			JP

US-CL-CURRENT: 600/455; 600/441

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachment	Claims	KMC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	----------	------------	--------	-----	--------

☐ 5. Document ID: US 5642443 A

L8: Entry 5 of 9

File: USPT

Jun 24, 1997

US-PAT-NO: 5642443

DOCUMENT-IDENTIFIER: US 5642443 A

TITLE: Whole order orientation method and apparatus

DATE-ISSUED: June 24, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Goodwin; Robert Melvin	Rochester	NY		
Manico; Joseph Anthony	Rochester	NY		

US-CL-CURRENT: 455/435.1; 348/581, 382/295

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 6. Document ID: US 5625717 A

L8: Entry 6 of 9

File: USPT

Apr 29, 1997

US-PAT-NO: 5625717

DOCUMENT-IDENTIFIER: US 5625717 A

TITLE: Image processing device for processing grey level images

DATE-ISSUED: April 29, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hashimoto; Manabu	Amagasaki			JP
Sumi; Kazuhiko	Amagasaki			JP

US-CL-CURRENT: 382/260; 382/274

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 7. Document ID: US 5622174 A

L8: Entry 7 of 9

File: USPT

Apr 22, 1997

US-PAT-NO: 5622174

DOCUMENT-IDENTIFIER: US 5622174 A

**** See image for Certificate of Correction ****TITLE: Ultrasonic diagnosis apparatus and image displaying system

DATE-ISSUED: April 22, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamazaki; Nobuo	Otawara			JP

US-CL-CURRENT: 600/441; 600/455

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Drawings
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 8. Document ID: US 5341142 A

L8: Entry 8 of 9

File: USPT

Aug 23, 1994

US-PAT-NO: 5341142

DOCUMENT-IDENTIFIER: US 5341142 A

TITLE: Target acquisition and tracking system

DATE-ISSUED: August 23, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Reis; James J.	La Palma	CA		
Luk; Anthony L.	Rancho Palos Verdes	CA		
Lucero; Antonio B.	Anaheim	CA		
Garber; David D.	Cypress	CA		

US-CL-CURRENT: 342/64; 244/3.15, 244/3.16, 244/3.17, 244/3.19, 342/52, 342/53,
342/62, 342/63, 342/67

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

☐ 9. Document ID: EP 1364341 A1, US 20020120594 A1, FR 2821459 A1, WO 200269265 A1

L8: Entry 9 of 9

File: DWPI

Nov 26, 2003

DERWENT-ACC-NO: 2002-712608

DERWENT-WEEK: 200380

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Human face shape localization method for image processing, involves identifying main and sub regions of interest in space represented by pixel data, and storing center of gravity of each identified region

INVENTOR: PIRIM, P

PRIORITY-DATA: 2001FR-0002539 (February 23, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>EP 1364341 A1</u>	November 26, 2003	F	000	G06T007/00
<u>US 20020120594 A1</u>	August 29, 2002		062	G06F015/18
<u>FR 2821459 A1</u>	August 30, 2002		000	G06F017/50
<u>WO 200269265 A1</u>	September 6, 2002	F	000	G06T007/00

INT-CL (IPC): G06 F 15/18; G06 F 17/50; G06 K 9/00; G06 T 7/00; G06 T 7/20; G06 T 7/60; H04 N 7/26

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
------	-------	----------	-------	--------	----------------	------	-----------	-----------	-------------	--------	-----	----------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Terms	Documents
L7 and statistic	9

Display Format:

[Previous Page](#) [Next Page](#) [Go to Doc#](#)

Refine Search

Search Results -

Terms	Documents
L7 and statistic	9

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L8

Refine Search

Recall Text

Clear

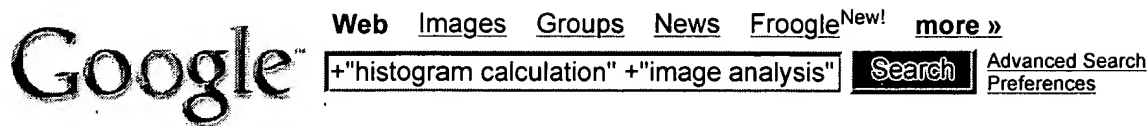
Interrupt

Search History

DATE: Wednesday, April 28, 2004 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR</i>			
<u>L8</u>	L7 and statistic	9	<u>L8</u>
<u>L7</u>	L6 and pixel	79	<u>L7</u>
<u>L6</u>	histogram and calculat\$5 and image and pixel and frame and counter and gravity	79	<u>L6</u>
<u>L5</u>	L1 and histogram and calculat\$5 and image and pixel and frame and counter	3	<u>L5</u>
<u>L4</u>	L1 and histogram and calculat\$5 and image and pixel and frame and counter and gravity	1	<u>L4</u>
<u>L3</u>	L2 and counter	3	<u>L3</u>
<u>L2</u>	L1 and histogram and calculat\$5 and image and pixel and frame	8	<u>L2</u>
<u>L1</u>	706/20.ccls.	494	<u>L1</u>

END OF SEARCH HISTORY

**Web**Results 1 - 10 of about 60 for +"**histogram calculation**" +"**image analysis**". (0.54 seconds)Tip: Looking for pictures? Try [Google Images](#)**WaveMetrics IGOR Pro Image Analysis**... and **image analysis**. Currently, image operators are available for particle analysis, edge detection, region of interest (ROI) masking, **histogram calculation** and ...www.wavemetrics.com/Products/IGORPro/gallery/ImageAnalysis.html - 5k - [Cached](#) - [Similar pages](#)**SkyScan micro-CT: 1072-model high-resolution microtomograph**... Computer for system control, 3D-reconstruction and **image analysis**, Workstation with Dual Intel XEON 3.2 GHz ... Local brightness **histogram calculation** and correction ...www.skyscan.be/next/spec_1072.htm - 33k - [Cached](#) - [Similar pages](#)**Leonid P. Yaroslavsky - List of Publications**... a Way to Save Processing Time, Pattern Recognition and **Image Analysis**, v. 3 ... Image Processing Based on Optical-Digital Method of Local **Histogram Calculation**, Int ...www.eng.tau.ac.il/~yaro/publist.html - 17k - [Cached](#) - [Similar pages](#)**Sector 2**... Kober V., Cristobal G. Rank order filtering based on accelerated algorithm of local **histogram calculation**. ... Pattern Recognition and **Image Analysis** (in print). ...www.iitp.ru/iitp/1999/sector2e.htm - 14k - [Cached](#) - [Similar pages](#)**Table of Contents - SPIE Press - Publications - SPIE Web**... optics J. Serra (Journal of Microscopy 1987) 71 **Image analysis** using mathematical ... 1986) 337 Optical-digital method of local **histogram calculation** by threshold ...www.spie.org/web/abstracts/oepress/MS127.html - 31k - [Cached](#) - [Similar pages](#)**[PDF] SCOFI-FAQ s**File Format: PDF/Adobe Acrobat - [View as HTML](#)... In that particular case, the **image analysis** should provide a semantics level higher ... A **histogram calculation** is then performed in order to determine the skin ...www.scofi.net/pdf/FAQfinalUK.pdf - [Similar pages](#)**Le site de Supélec du campus de Gif**... **Image analysis** and processing: acquisition by camera, digitalisation, **histogram calculation**, restoration, bi-indicial filtering, orthogonal transformations. ...www.supelec.fr/fi/programmes_eng/sif/sif_labo.html - 8k - [Cached](#) - [Similar pages](#)**[PDF] Identification of Surface Leather Defects**File Format: PDF/Adobe Acrobat - [View as HTML](#)... is discussed the application of χ^2 - criteria for **image analysis** of leather ... In this work is suggested the standard **histogram calculation** as an average value ...ecet.ecs.ru.acad.bg/cst/Docs/proceedings/S3/III-9.pdf - [Similar pages](#)**[PDF] PHOTOMOSAICS AND IMAGE SIMILARITY**File Format: PDF/Adobe Acrobat - [View as HTML](#)... to appropriate dimensions, conversion to HSV mode, **histogram calculation** and analysis ... Maxima", 4th IEEE Southwest Symposium on **Image Analysis** and Interpretation ...www.telfor.org.yu/telfor2002/radovi/11-3.pdf - [Similar pages](#)

PUBLICACIONES DEL PERSONAL DEL INSTITUTO DE ÓPTICA

... Rank order filtering based on accelerated algorithm of local **histogram calculation**,
SPIE Proceedings ... Conf. On **Image Analysis** and Processing, Venecia 1999, pp ...
www.io.csic.es/memoria99/DOCS/memo41_99.htm - 46k - [Cached](#) - [Similar pages](#)

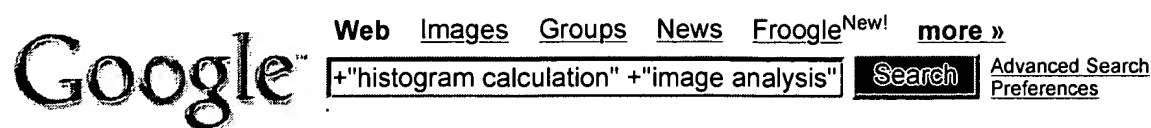
Go o o o o o o o g l e ►

Result Page: 1 2 3 4 5 6 **Next**

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied?](#) [Help us improve](#)

[Google Home](#) - [Advertising Solutions](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web Results 1 - 10 of about 37 for +"**histogram calculation**" +"**image analysis**" +"**pixel**". (0.31 seconds)

Tip: Looking for pictures? Try [Google Images](#)

efg's Image Processing: Software Packages

... of interest (ROI) masking, **histogram calculation** and manipulation ... analyze, process and save **pixel** images ... 100 general purpose **image analysis** programs implemented ...
[www.efg2.com/Lab/Library/ImageProcessing/ SoftwarePackages.htm](http://www.efg2.com/Lab/Library/ImageProcessing/SoftwarePackages.htm) - 25k - [Cached](#) - [Similar pages](#)

SkyScan micro-CT: 1072-model high-resolution microtomograph

... **Pixel** size @ max.magnification, <2um, <1.8um. ... control, 3D-reconstruction and **image analysis**, Workstation with ... Local brightness **histogram calculation** and correction ...
www.skyscan.be/next/spec_1072.htm - 33k - [Cached](#) - [Similar pages](#)

[PDF] Identification of Surface Leather Defects

File Format: PDF/Adobe Acrobat - [View as HTML](#)
 ... work is suggested the standard **histogram calculation** as an ... a general appearance of the **image analysis** algorithm. ... for every inside image **pixel** Determination of ...
ecet.ecs.ru.acad.bg/cst/Docs/proceedings/S3/III-9.pdf - [Similar pages](#)

[PDF] A Framework for the Efficient Segmentation of Large-format Color ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)
 ... original image image reduction **histogram calculation** component labeling ... tion 2 to $\frac{1}{4} \times \frac{1}{4}$ **pixel** images 2494.28 ... Work- shop on **Image Analysis** For Multimedia ...
www.itl.gr/~ikom/papers/icip02.pdf - [Similar pages](#)

[doc] CSE 591 – Computational Molecular Biology

File Format: Microsoft Word 2000 - [View as HTML](#)
 ... intensities; hence the same **Image Analysis** procedures can ... various combinations of intensities for a **pixel**. ... on the images, the **histogram calculation** became more ...
[www.public.asu.edu/~nkolipp/cse591_bio/ project/final_report.doc](http://www.public.asu.edu/~nkolipp/cse591_bio/project/final_report.doc) - [Similar pages](#)

[doc] STREAM

File Format: Microsoft Word 97 - [View as HTML](#)
 ... the software for TEM/CBED **image analysis** and automatic ... Fast Fourier Transformation), bad **pixel** correction and real-time **histogram calculation** to capture ...
stream.bo.cnr.it/pdocs/D23_IST10341-SI-RP002.doc - [Similar pages](#)

[PDF] Fast Computation of Morphological Operations with Arbitrary ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)
 ... a position to an adjacent one, the weight of a given **pixel** on the ... apply the corresponding weights to the points that enter and leave the **histogram calculation**. ...
[www.ulg.ac.be/telecom/publi/publications/ mvd/anydila.pdf](http://www.ulg.ac.be/telecom/publi/publications/mvd/anydila.pdf) - [Similar pages](#)

[PDF] Entropy-Based Dark Frame Subtraction

File Format: PDF/Adobe Acrobat - [View as HTML](#)
 ... ware can be used for **histogram calculation** (to compute ... The true **pixel** values can be reconstructed even ... quality rendering, and 3D **image analysis** and synthesis. ...
www.cs.ubc.ca/~heidrich/Papers/PICS.01.pdf - [Similar pages](#)

[PDF] Scalable Independent Multi-level Distribution in Multimedia ...

File Format: PDF/Adobe Acrobat - View as HTML

... such as a color **histogram calculation** which may only ... by summing all the **pixel** value differences ... of Scandinavian Conference on **Image Analysis** (SCIA2001), Bergen ...
heim.ifi.uio.no/~olegr/publications/IDMS2002.pdf - [Similar pages](#)

[PS] LAWRENCE BERKELEY LABORATORY

File Format: Adobe PostScript - View as Text

... histogram 1-81histogram_calc -- **histogram calculation** 1-82 ... ID 2-53 SetParameterWin
-- set **pixel** information window 2 ... suchas window based **image analysis** systems. ...
dsd.lbl.gov/ITG.hm.pg.docs/image-proc/ CCS-ps/ccs-handbook-0.ps - [Similar pages](#)

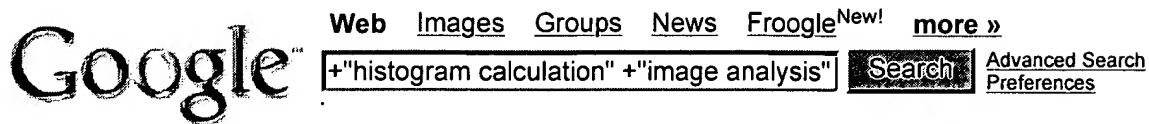
Gooogle ►

Result Page: 1 2 3 4 **Next**

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Solutions](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web Results 11 - 20 of about 37 for +"histogram calculation" +"image analysis" +"pixel". (0.21 seconds)

Tip: Looking for pictures? Try [Google Images](#)

[PDF] [Fast color correction using principal regions mapping in different ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... values of the peaks and their vicinity are given by $X_{ai} \frac{1}{4} P_{bi} C_{ij}$; $1 \leq i \leq N$

$i \leq C_{ij}$; $2 \leq X_{aj} \leq N$; $i \leq N$ Here X_{aj} is the color value of pixel j ; N ...

www.discover.uottawa.ca/publications/Fast_Color.pdf - [Similar pages](#)

[PDF] [7 - Chapter 5](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... the following process steps: - **Histogram calculation** - Optimum threshold ... the input fields of the column **Pixel**. ... background is a central task of **image analysis**. ...

www.theimagingsource.com/prod/soft/adoculos/adoculos_man_5_measurement-and-counting.pdf -

[Similar pages](#)

[Documentation for the IMAP-VISION image processing card and ...](#)

... mode (one image of 8 bits-per-pixel) or in ... Information about the use of 1DC in **image analysis** and pattern ... For **histogram calculation** the first step is easy: ...

www.ph.tn.tudelft.nl/~bokhove/imap/IMAPand1DC.htm - 100k - [Cached](#) - [Similar pages](#)

[PDF] [EIKONA Digital image processing package Thessaloniki](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... to as vectors that are used internally in some operations eg **histogram calculation**

The contents ... the user knows that the processing routine is a **pixel** wise one ...

www.alphatecltd.com/download/unixman.pdf - [Similar pages](#)

[PDF] [Model-based Exploration of the Design Space for Heterogeneous ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... DSP core FPGA CP1 filter **image analysis** modules motion ... output vector for a **pixel** within a ... luminance Filtering of luminance **histogram Calculation** of extremal ...

www.eecs.rwth-aachen.de/Forschung/papers/paper_archiv/Blume_Wshp_hrSoC_2002.pdf - [Similar pages](#)

[PDF] [Model-based Exploration of the Design Space for Heterogeneous ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... system filter **image analysis** module Figure 3. Partitioning and ... one output vector for a **pixel** within a ... filtering of luminance **histogram calculation** of extremal ...

www.eecs.rwth-aachen.de/Forschung/papers/paper_archiv/Blume_ASAP_2002.PDF -

[Similar pages](#)

[PDF] [Stereological Image Analysis of Cultured Human Melanocytes ...](#)

File Format: PDF/Adobe Acrobat

... The probability that a non-melanin **pixel** would have ... 191 TEM **IMAGE ANALYSIS** OF HUMAN MELANOCYTES ... introduced in our program, prior to the **histogram calculation**. ...

[doi.wiley.com/10.1002/\(SICI\)1097-0029\(19970201\)36:3%3C188::AID-JEMT7%3E3.3.CO;2-P](http://doi.wiley.com/10.1002/(SICI)1097-0029(19970201)36:3%3C188::AID-JEMT7%3E3.3.CO;2-P) - [Similar pages](#)

[PS] [Neural Networks as Self-Learning Image](#)

File Format: Adobe PostScript - [View as Text](#)

... a fraction of all possible input **pixel** triplets are ... Figure 5.6 **Image Analysis** overview

Besides the 'Image ... of bins during the **histogram calculation** 2. Reducing ...

www.niii.kun.nl/~ths/publ/publications/theses/Notten-msc96.ps.gz - [Similar pages](#)

[PDF] [Monitoring land-cover changes: a comparison of change detection ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... NIR is the near-infrared band response for a given **pixel**, MSS band 4 ... value, pixels were considered as changed and were excluded from the **histogram calculation**. ...

www.cnr.berkeley.edu/~bingxu/geo7366/Lecture10/IJRSMas1999.pdf - [Similar pages](#)

[PDF] [MODEL INTEGRATED PROGRAM SYNTHESIS FOR REAL TIME IMAGE PROCESSING ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... on the order of hundreds or even thousands of operations per **pixel** in order to ... can be roughly broken down into two sequential steps **image analysis** or early ...

www.isis.vanderbilt.edu/publications/archive/Moore_MS_2_0_1997_Model_Inte.pdf - [Similar pages](#)

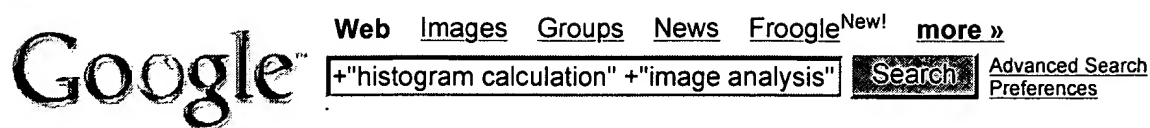


Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Solutions](#) - [Business Solutions](#) - [About Google](#)

©2004 Google



Web Results 21 - 30 of about 37 for +"histogram calculation" +"image analysis" +"pixel". (0.25 seconds)

Tip: Looking for pictures? Try [Google Images](#)

[PDF] [WINDOWS IMAGE MANAGER USER'S MANUAL](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... Page 2. WIM is a software tool for satellite **image analysis** under Microsoft Windows.

WIM is a 32-bit program for Windows NT/2000/Me/XP/2003. ... 90 **Pixel Trace** ...

spode.ucsd.edu/wim.pdf - [Similar pages](#)

[PDF] [Review of Image and Video Indexing Techniques](#)

File Format: PDF/Adobe Acrobat

... color, texture, shape, apply **image analysis**/understanding techniques ... 1) ture the majority

of **pixel** counts in ... complexity X Y, the **histogram calculation** requires O ...

www.cs.ndsu.nodak.edu/~hli/CSsci790/C__DOCUMENTS%20AND%20SETTINGS_HLI_APPLICATION%

20DATA_Phoenix_Profiles_... - [Similar pages](#)

[PDF] [PubTeX output 1999.08.13:1429](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... belonging to The initial codebook vectors are first determined by color **histogram**

calculation. ... At each iteration, each color vector (**pixel**) is assigned to the ...

www.csd.uch.gr/~tziritas/papers/ 01mm03-face_detection.pdf - [Similar pages](#)

[PDF] [Supporting Timeliness and Accuracy in Distributed Real-time ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Page 1. Supporting Timeliness and Accuracy in Distributed Real-time

Content-based Video Analysis Viktor S. Wold Eide 1,2 , Frank ...

heim.ifi.uio.no/~olegr/publications/acmmm2003.pdf - [Similar pages](#)

[PDF] [Feature selection for multi-modal image registration using mutual ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... If the gray level of a **pixel** is a feature, why the gray value of the **pixel**

three millimetres to the right should not also be a feature?. ...

ltswww.epfl.ch/~brain/publications/thesis/ 2002/diplomVictor/Report.pdf - Supplemental Result - [Similar pages](#)

[PDF] [Menu Commands](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... 26 Define Bad **Pixel** List... ... acquire. Therefore the image must not move

more than half a **pixel** during this acquisition period. Additional ...

vanadium.msae.wisc.edu/mscweb/manuals/ LEO912/SIS32/English/Manual/Image.pdf - Supplemental Result -

[Similar pages](#)

[PDF] [Using computer vision techniques to count and track humans in ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... In simple terms, unless the moving **pixel** is connected to other moving pixels, it ... is

used in many different areas of computer vision and **image analysis** such as ...

www.cs.tcd.ie/Kenneth.Dawson-Howe/FinalYearProjects/ FYP2002_ScottTattersall.pdf - [Similar pages](#)

[Toyofumi Saito](#)

... 16) (1983.6) (Algorithm for **histogram calculation** and median ... texture generated

by the **pixel** shift method ... chest X-ray **image analysis**) 198 久保寺玄一郎 ...

www.murase.nuie.nagoya-u.ac.jp/Toriwaki-Lab/intro/Kenkyuu.html - 60k - [Cached](#) - [Similar pages](#)

[PDF] [A FRAMEWORK FOR THE EFFICIENT SEGMENTATION OF LARGE-FORMAT COLOR ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

... original image image reduction **histogram calculation** component labeling ... tion 2 to

¼ ¢ ¼ **pixel** images 2494.28 ... Work- shop on **Image Analysis** For Multimedia ...

www.iti.gr/SCHEMA/preview.html?file_id=52 - Supplemental Result - [Similar pages](#)

[PS] [Section III Proposal Number: 00446](#)

File Format: Adobe PostScript - [View as Text](#)

... spot locator, windows **pixel** counter, **histogram calculation**/adaptation, convolution ... Automatic system for morphological and quantitative **image analysis**". ...

ftp.ee.surrey.ac.uk/vision/projects/scalar/verD/m5.ps - Supplemental Result - [Similar pages](#)

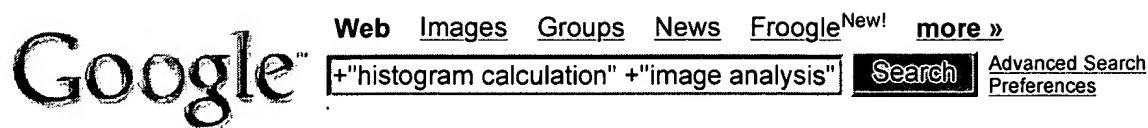


Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Solutions](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

**Web**Results **31 - 40** of about **61** for **+"histogram calculation" +"image analysis"** . (0.40 seconds)Tip: Looking for pictures? Try [Google Images](#)**[PDF] Stereological Image Analysis of Cultured Human Melanocytes ...**

File Format: PDF/Adobe Acrobat

... 191 TEM **IMAGE ANALYSIS** OF HUMAN MELANOCYTES ... 2). Thus, an automatic Rank filtering step was introduced in our program, prior to the **histogram calculation**. ...doi.wiley.com/ 10.1002/(SICI)1097-0029(19970201)36:3%3C188::AID-JEMT7%3E3.3.CO;2-P - [Similar pages](#)**[PDF] A Scalable Peer-to-Peer System for Music Content and Information ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)... For the Pitch **Histogram calculation** the mul- tiple pitch detection algorithm described in Tolonen and Kar- jalainen (2000) is used. ...ismir2003.ismir.net/papers/Tzanetakis.PDF - [Similar pages](#)**[PDF] MODEL INTEGRATED PROGRAM SYNTHESIS FOR REAL TIME IMAGE PROCESSING ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)... presented to a human for interpretation The approach used in computer vision can be roughly broken down into two sequential steps **image analysis** or early ...www.isis.vanderbilt.edu/publications/archive/ Moore_MS_2_0_1997_Model_Inte.pdf - [Similar pages](#)**[PDF] WINDOWS IMAGE MANAGER USER'S MANUAL**File Format: PDF/Adobe Acrobat - [View as HTML](#)... Page 2. WIM is a software tool for satellite **image analysis** under Microsoft Windows. WIM is a 32-bit program for Windows NT/2000/Me/XP/2003. ...spode.ucsd.edu/wim.pdf - [Similar pages](#)**[PDF] Review of Image and Video Indexing Techniques**

File Format: PDF/Adobe Acrobat

... on spatial relationships, color, texture, shape, apply **image analysis**/understanding techniques. ... or a higher complexity X Y, the **histogram calculation** requires O ...www.cs.ndsu.nodak.edu/~hli/CSci790/C__DOCUMENTS%20AND%20SETTINGS_HLI_APPLICATION%20DATA_Phoenix_Profiles_... - [Similar pages](#)**[PDF] New Objective and Quantitative Tests for Gustatory Sweating**

File Format: PDF/Adobe Acrobat

... 784 points/cm²). The **histogram calculation** was performed with the algorithm of the **image analysis** module of Matlab (The Math Works Inc., Natick, MA, USA). ...taylorandfrancis.metapress.com/ index/1J9338DCQ9XLFK77.pdf - [Similar pages](#)**[PDF] Supporting Timeliness and Accuracy in Distributed Real-time ...**File Format: PDF/Adobe Acrobat - [View as HTML](#)

Page 1. Supporting Timeliness and Accuracy in Distributed Real-time Content-based Video Analysis Viktor S. Wold Eide 1,2 , Frank ...

heim.ifi.uio.no/~olegr/publications/acmmm2003.pdf - [Similar pages](#)**[PDF] PubTeX output 1999.08.13:1429**File Format: PDF/Adobe Acrobat - [View as HTML](#)

... is a dominant color and is the mean value of color vectors belonging to The initial

codebook vectors are first determined by color **histogram calculation**. ...
www.csd.uch.gr/~tziritas/papers/01mm03-face_detection.pdf - [Similar pages](#)

[PDF] [Feature selection for multi-modal image registration using mutual ...](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Page 1. Feature selection for multi-modal image registration using mutual information Víctor Rodríguez Gil March 27, 2002 Page 2. ...

<http://www.epfl.ch/~brain/publications/thesis/2002/diplomVictor/Report.pdf> - Supplemental Result - [Similar pages](#)

[PDF] [Menu Commands](#) 3

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Page 1. ,PDJH The Image menu Menu Commands 3 Acquire

vanadium.msae.wisc.edu/mscweb/manuals/LEO912/SIS32/English/Manual/Image.pdf - Supplemental Result - [Similar pages](#)

Toyofumi Saito

... PRL83-16) (1983.6) (Algorithm for **histogram calculation** and median ... for enhancement of abnormal shadows for chest X-ray **image analysis**) 198 久保寺玄一郎 ...

www.murase.nuie.nagoya-u.ac.jp/Toriwaki-Lab/intro/Kenkyuu.html - 60k - [Cached](#) - [Similar pages](#)



Result Page: [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [Next](#)

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Solutions](#) - [Business Solutions](#) - [About Google](#)

©2004 Google

[Home](#) [Index](#) [Resources](#) [Centers](#) [Intranet](#) [Search](#)

Scientific and Technical Information Center

[Patent Intranet](#) > [NPL Virtual Library](#)[Site Feedback](#)[NPL Virtual Library Home](#) | [STIC Catalog](#) | [Site Guide](#) | [EIC](#) | [Automation Training/ITRPs](#) | [Contact Us](#) | [STIC Staff](#) | [FAQ](#)

NPL Services for Examiners

[ScienceDirect Journals](#)

Wednesday, April 28, 2004

STIC's mission is to connect examiners to critical prior art by providing information services and access to NPL electronic resources and print collections. A [STIC facility](#) is located in each Technology Center.

Most of the electronic resources listed on these Web pages are accessed via the Internet. You must be authenticated for data to be accessed. ► [Firewall Authentication](#)

Specialized Information Resources for Technology Centers

Select a Technology Center



Information Resources and Services

[Breaking News on Emerging Technologies](#)[List of Major E-Resources](#)[List of eBook and eJournal Titles](#)[Reference Tools](#)[Legal Resources](#)[Nanotechnology](#)[STIC Online Catalog](#)[PLUS System](#)[Foreign Patent Services](#)[Translation Services](#)[Trademark Law Library](#)

Request STIC Services from your Desktop

[Request a Prior Art Search](#)[Request Delivery of a Book or Article](#)[Request Purchase of a Book/Journal](#)[Request Foreign Patent Document](#)[Request a Translation](#)

Request PLUS Search

[Intranet Home](#) | [Index](#) | [Resources](#) | [Contacts](#) | [Internet](#) | [Search](#) | [Firewall](#) | [Web Services](#)

Last Modified: 04/20/2004 09:34:01


[Home](#) [Index](#) [Resources](#) [Services](#) [Contact](#) [Search](#)

Scientific and Technical Information Center

[Patent Intranet](#) > [NPL Virtual Library](#) > [EIC2100](#)
[Site Feedback](#)
[NPL Virtual Library Home](#) | [STIC Catalog](#) | [Site Guide](#) | [EIC](#) | [Automation Training/ITRPs](#) | [Contact Us](#) | [STIC Staff](#) | [FAQ](#)

TC2100: EIC Resources and Services


[ScienceDirect Journals](#)
[Daily Breaking News on Emerging Technologies:](#)
[Encryption](#)
[Information & Data Security](#)
[Internet Security](#)

Wednesday, April 28, 2004

These resources and services provide examiners with access to critical prior art. Most of the electronic resources listed on these Web pages are accessed via the Internet. You must be authenticated for data to be accessed. ► [Firewall Authentication](#)

► indicates tools featured in TC's NPL training.

Information Resources

Information Resources by Class and Subclass

Databases

- [ACM Digital Library](#)
[Business Source Corporate](#)
 (Multidisciplinary subject coverage)
[Dialog Classic on the Web](#)
 (Training and password required.)
[DTIC STINET](#)
 (Citations of Defense Technical Information Center scientific and technical documents)
[EEDD Submission Form](#)
[Examiners' Electronic Digest Database \(EEDD\)](#)
 (Database of examiner submitted NPL)
[EPOQUE](#)
 (EPO's databases, available on stand-alone terminal in CPK2, 4B40)
- [IEEE Xplore](#)
 (Full page images of over 800,000 Electrical & Electronic Engineering articles, papers and standards, 1988 - present. Select content is available from 1952-1987.)
[INSPEC](#)
 (Seven million well-indexed physics, EE, and IT abstracts, 1969-present)
[IP.com](#)
 (Defensive disclosures published to the Disclosures IP.com database from various websites)
[NTIS \(National Technical Information Service\)](#)
 (resource for government-funded scientific, technical, engineering, and business related information)
[Proquest Direct](#)
 (Multidisciplinary subject coverage)
[Readers' Guide to Periodical Literature](#)
 (citations to popular multidisciplinary magazines)
[Research Disclosure](#)
 (Published monthly as a paper journal and now as an online database product with advanced full text searching capabilities for defensive disclosure information.)

Software Patent Institute (SPI) (Select "Free Access")

(Searchable database of Software Technologies.)

SPIE Digital Library

(journals and proceedings on optics and photonics)

STN on the Web (training and password required)

(The other link is via the Patent Examiner's Toolkit. On your computer, click on the START button, then on the PE Toolkit, then on STN Express.)

True Query

(A resurrected version of the old "Computer Select" database, providing full text access to over 100 technology focused publications, a glossary of technical terms, product reviews and over 60,000 product specifications from 1999 to the present. If html code appears on your screen, click browser's "Reload" or "Refresh" button.)

Books and Journals

➡ Search STIC Online Catalog

InfoSECURITYnetBASE

(Information security)

Knovel

(Applied science and engineering)

NetLibrary.com

(Multidisciplinary subject coverage)

Safari Online Books

(Computer and information technology)

ScienceDirect

(scientific, technical, and medical journals)

Springer Publishing Company

(biotech, physics, and computer journals)

Daily Newspapers

Fulltext newspaper articles are available electronically in Proquest Direct.

CD-ROM Resources

Older full text NPL resources/articles received in CD-Rom format. These resources are available on EIC2100 PCs in CPK2, 4B40.

Equipment

Reference Tools

Bartleby.com

(Several versions of Roget's Thesaurus, a dictionary, an encyclopedia, quotations, English usage books and more.)

Computer References

(Dictionaries, Acronyms Finders, Encyclopedias)

Efunda

(30,000 pages of engineering fundamentals and calculators)

Encyclopedia Britannica

Encyclopedia of Software Engineering

Eric Weisstein's World of Mathematics

(A comprehensive online encyclopedia of mathematics.)

HowStuffWorks

(Search a term to find articles that explain how it works.)

Over 2000 Glossary Links

(Links to numerous technical, specialty, and general glossaries.)

PCWebopedia

Wiley Encyclopedia of Electrical and Electronics Engineering

Yourdictionary.com

(Numerous "specialty dictionaries"... technological, law, business related and more.)

Services

[EIC2100 Staff](#)
[Foreign Patent Services](#)
[PLUS](#)
[Request a Book/Journal Purchase](#)
[Request a Book or Article](#)
[Request a Foreign Patent Publication](#)
[\[e-submit\]](#) [\[Printable form\]](#)
[Request a Prior Art Search](#)
[\[e-submit\]](#) [\[Printable form\]](#)
[Fast & Focused Search Criteria](#)
[STIC Online Catalog](#)
[Translation Services](#)

Web Resources

[A Brief History of the Hard Disk Drive](#)

➤ [CiteSeer \(ResearchIndex\)](#)

(Full text scientific research papers - in pdf and postscript formats.)

[Internet Engineering Task Force](#)

(The IETF Secretariat, run by The Corporation for National Research Initiatives with funding from the US government, maintains an index of Internet-Drafts.)

[Nanotechnology](#)

[Requests for Comments \(RFCs\) Database](#)

(Requests for Comments (RFC) document series is a set of technical and organizational notes about the Internet (originally the ARPANET), beginning in 1969 and discussing many aspects of computer networking, including protocols, procedures and concepts as well as meeting notes and opinions.)

➤ [Usenet Archive \(Google Groups\)](#)

➤ [Wayback Machine](#)

(Archived web pages.)

Submit comments and suggestions to [Anne Hendrickson](#)

To report technical problems, click [here](#)

[Intranet Home](#) | [Index](#) | [Resources](#) | [Contacts](#) | [Internet](#) | [Search](#) | [Firewall](#) | [Web Services](#)

Last Modified: 04/16/2004 09:41:34

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.6

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)

Over 1,027,552 documents available

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE ANNOUNCES NEW RELEASE FOR IEEE XPLORE ENHANCEMENTS - [LEARN MORE](#)

IEEE Xplore provides full-text access to IEEE transactions, journals, magazines and conference proceedings published since 1988 plus select content back to 1950, and all current IEEE Standards.

FREE TO ALL: Browse tables of contents and access Abstract records of IEEE transactions, journals, magazines, conference proceedings and standards.

IEEE MEMBERS: Browse or search to access any complete Abstract record as well as articles from IEEE Spectrum Magazine. Access your personal online subscriptions using your active IEEE Web Account. If you do not have one, go to "Establish IEEE Web Account" to set up an account.

CORPORATE, GOVERNMENT AND UNIVERSITY

SUBSCRIBERS: Search and access complete Abstract records and full-text documents of the IEEE online publications to which your institution subscribes.


Cookies
 Click for more

IEEE Xplore Quick Links

- ▶ [New This Week](#)
- ▶ [OPAC Linking Information](#)
- ▶ [Email Alerts](#)
- ▶ [Your Feedback](#)
- ▶ [Technical Support](#)
- ▶ [No Robots Please](#)
- ▶ [Release Notes](#)
- ▶ [IEEE Online Publications](#)



[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerts](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

[IEEE HOME](#) | [SEARCH IEEE](#) | [SHOP](#) | [WEB ACCOUNT](#) | [CONTACT IEEE](#)[Membership](#) | [Publications/Services](#) | [Standards](#) | [Conferences](#) | [Careers/Jobs](#)**IEEE Xplore®**
RELEASE 1.6Welcome
United States Patent and Trademark Office[Help](#) | [FAQ](#) | [Terms](#) | [IEEE Peer Review](#)[Quick Links](#)**Welcome to IEEE Xplore®**

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

To Locate an Author:

1. Enter a last name or select a letter in the alphabet.
2. Once you identify the name, select it to search the database for relevant articles.

1.Options:

» Enter a name to find an author:



Example: Enter Lockett S to obtain a list of authors with the last name Lockett and first name initial S.
OR» Select a letter to browse the author list:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z | ALL**2. Select an author name to search the database for relevant articles:**

No Authors Found with beginning letter: Pirim

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z | ALL

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

Your search matched **7** of **1027552** documents.

A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 Multichannel techniques in color image enhancement and modeling

Pitas, I.; Kiniklis, P.;

Image Processing, IEEE Transactions on , Volume: 5 , Issue: 1 , Jan. 1996

Pages:168 - 171

[\[Abstract\]](#) [\[PDF Full-Text \(460 KB\)\]](#) **IEEE JNL**

2 Error performance of block coded multilevel QAM systems with non distortions

Friederichs, K.-J.; Kovats, J.;

Communications, IEEE Transactions on , Volume: 42 , Issue:

234 , FEBRUARY/MARCH/APRIL 1994

Pages:1571 - 1579

[\[Abstract\]](#) [\[PDF Full-Text \(692 KB\)\]](#) **IEEE JNL**

3 An image processing IC for backprojection and spatial histogramming in a pipelined array

Agi, I.; Hurst, P.J.; Current, K.W.;

Solid-State Circuits, IEEE Journal of , Volume: 28 , Issue: 3 , March 1993

Pages:210 - 221

[\[Abstract\]](#) [\[PDF Full-Text \(1024 KB\)\]](#) **IEEE JNL**

4 2-D histogram-based segmentation of postal envelopes

Yonekura, E.A.; Facon, J.;

Computer Graphics and Image Processing, 2003. SIBGRAPI 2003. XVI Brazilian Symposium on , 12-15 Oct. 2003

Pages:247 - 253

[\[Abstract\]](#) [\[PDF Full-Text \(488 KB\)\]](#) **IEEE CNF**

5 Improvement of the depth of interaction detector for PET on full energy pulse height uniformity

Kasahara, T.; Murayama, H.; Omura, T.; Yamashita, T.; Ishibashi, H.; Kawai, Inadama, N.; Umehara, T.; Orita, N.; Tsuda, T.;

Nuclear Science Symposium Conference Record, 2002 IEEE , Volume: 3 , 10-Nov. 2002

Pages:1452 - 1456 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(864 KB\)\]](#) **IEEE CNF**

6 Analog combinatorics and cellular automata-key algorithms and layout design

Venetianer, P.L.; Szolgay, P.; Crounse, K.R.; Roska, T.; Chua, L.O.;

Cellular Neural Networks and their Applications, 1994. CNNA-94., Proceedings of the Third IEEE International Workshop on , 18-21 Dec. 1994

Pages:249 - 254

[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) **IEEE CNF**

7 Fast detection and classification of defects on treated metal surface using a backpropagation neural network

Neubauer, C.;

Neural Networks, 1991. 1991 IEEE International Joint Conference on , 18-21 1991

Pages:1148 - 1153 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(280 KB\)\]](#) **IEEE CNF**

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved